

#17/C  
Dmt  
62702

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of:

Möckel, *et al.*

Appl. No.: 09/715,035

Filed: November 20, 2000

For: **Novel Nucleotide Sequences  
Encoding the pfkA Gene**

Art Unit: 1652

Examiner: C. Fronda

Atty. Dkt. 21123/274441

June 26, 2002

**SUPPLEMENTAL AMENDMENT UNDER 37 C.F.R. §1.111**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action dated January 11, 2002, and supplemental to the Amendment filed April 11, 2002, Applicants respectfully request reconsideration of the above-captioned application in view of the following amendments and remarks.

**IN THE CLAIMS:**

Please enter the following amended claims:

- C1
20. (Amended) An isolated polynucleotide consisting of a nucleotide sequence encoding a protein with an amino acid sequence comprising that of SEQ ID NO:2, wherein the polynucleotide encodes a polypeptide having phosphofructokinase enzymatic activity.
  21. (Amended) An isolated polynucleotide encoding a protein with an amino acid sequence that is at least 70% identical to that of SEQ ID NO:2 and wherein said protein has phosphofructokinase enzymatic activity.